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JOINT PHOTOGRAPHIC INTELLIGENCE BRIEF

ARMY-NAVY-CIA

(Published and Disseminated by CIA/PIC)

SUBJECT : Locations of Installations at the Antimissile Defense Test Center
LOCATION: Sary Shagan, USSR
NO : PIC/JB-119/60
DATE: 11 August 1960
WAC : 245

PHOTOGRAPHY

<u>Mission</u>	<u>Date</u>	<u>Camera</u>	<u>Frames</u>
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25X1D

MAPS or CHARTS

ACIC. Film Positives, Sary Shagan, Sheets I (ACT-1681-60), II (ACT-1682-60), III (ACT-1683-60) and IV (ACT-1684-60), scale 1:200,000 (TSC)

REMARKS

25X1D

The Antimissile Defense Test Center in the vicinity of Sary Shagan was covered on photography of [REDACTED]. Several intelligence publications have been issued which describe the numerous electronics facilities, missile launch sites, and supporting complexes in this area. However, extensive cloud cover and the lack of good maps hindered the accurate locating of these installations and the determining of their geographic relationships. Due to the intense interest shown by the intelligence community in this Test Center, the accompanying map has been prepared to present the most accurate locations to date of the major facilities at the Center. A detailed photographic analysis of the Test Center is currently in progress.

The Base Support Complex, located along the west coast of Lake Balkhash, contains: a major airfield; fabrication, storage and housing support areas; two major communications facilities (Communications Sites 1 and 2); one probable linear radar inside an 890-foot building (Radar Site 1); two linear radars (Radar Site 2); and, two major instrumentation sites (Instrumentation Sites 1 and 2).

Declassification review by
NIMA/DOD

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The Range portion of the Test Center comprises the following installations (see Map):

Launch Complex "A", containing two SA-2 sites, numerous instrumentation areas, several tall lattice towers, a large support area, and an airstrip.

Launch Complex "B", containing a launch area with one rectangular launch pad and two paved semicircular areas, probably launch pads, a network of instrumentation sites, a large housing and storage support area, and an airstrip.

Communications Site 3, containing two HF fishbone antennas under construction, two mobile VHF sites, and at least 12 support buildings.

25X1D Instrumentation Site 3, including one [REDACTED] parabolic tracking antenna, a 250-foot lattice tower, a possible dome-shaped object 35 feet in diameter, 50 major buildings, and an airstrip.

Instrumentation Site 4, containing an interferometer, five buildings with 20-foot domes, and 18 additional buildings.

Instrumentation Site 5, a possible interferometer. Cloud cover and extreme obliquity preclude further identification.

Instrumentation Site 6, containing a 110-foot dome and 24 barracks and support buildings.

Instrumentation Site 7, containing one interferometer, three buildings with 20-foot domes, and 24 additional buildings. A TOKEN-type radar is positioned nearby.

Instrumentation Site 8, containing an interferometer, a TOKEN-type radar, several instrumentation areas, a support area with 23 major buildings, and an airfield.

Instrumentation Site 9, containing a 255-foot microwave tower in a fenced area with two buildings, a fenced support housing area with ten buildings, an athletic field, and a plowed area 2,070 by 135 feet of unidentified purpose.

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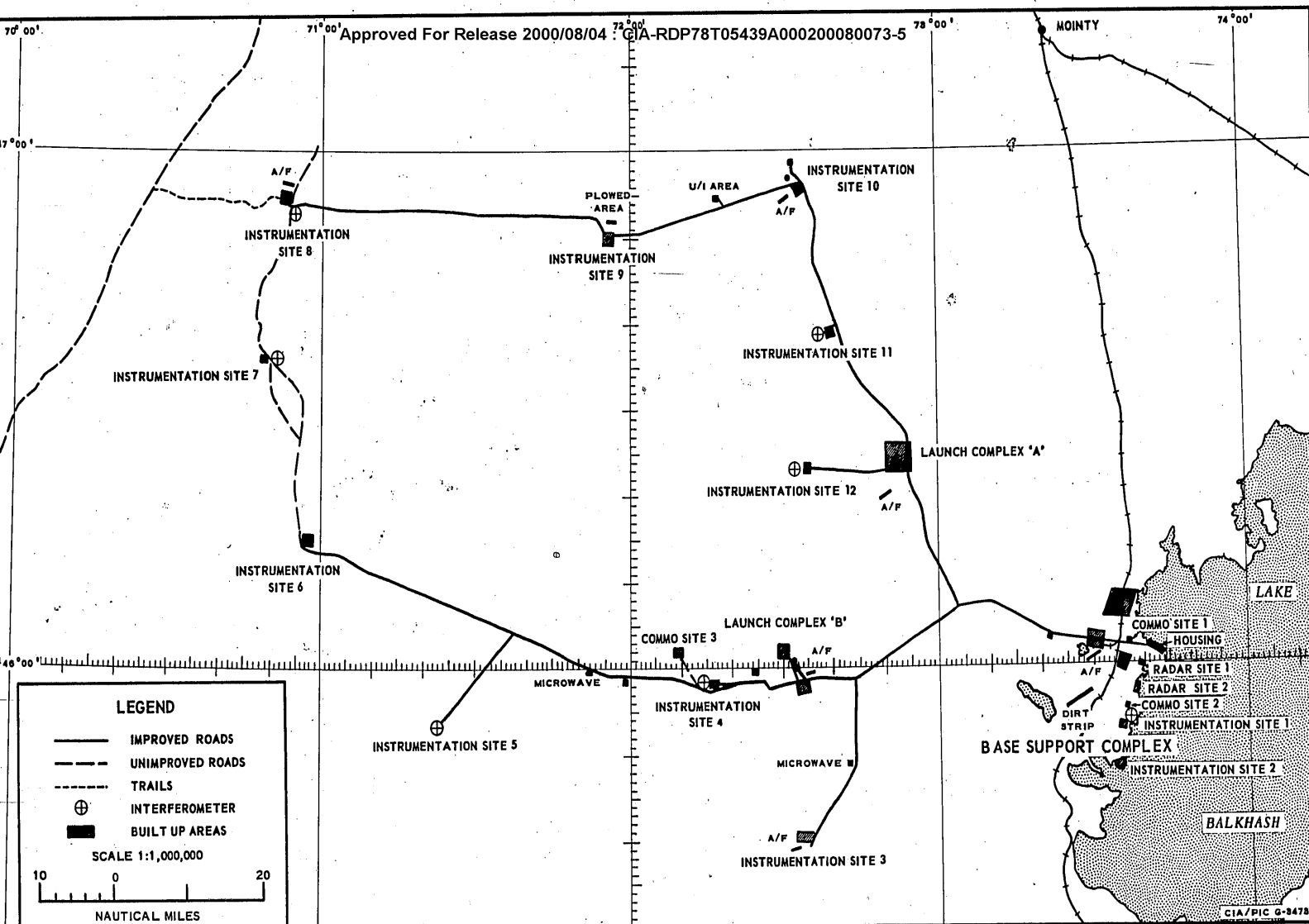
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25X1D Instrumentation Site 10, similar in layout to Instrumentation Site 3, with one radar mount installed for a [REDACTED] dish similar to that located at Site 3. This site also contains a 275-foot lattice tower, at least 38 major support buildings, and an airstrip.

Instrumentation Site 11, containing an interferometer, 12 major support buildings, and a separately fenced probable communications area.

Instrumentation Site 12, containing an interferometer, five buildings with 20-foot domes, and at least eight additional buildings.

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MAP OF THE SARY SHAGAN AREA. This map presents locations of the various installations at the Antimissile Defense Test Center as they appear on photography of